

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In. No: 10/621,640  
Applicant: RAY et al  
Filed: July 17, 2003  
Title: IONIC LIQUIDS AS DEVELOPABILITY ENHANCING AGENTS IN MULTI-LAYER IMAGEABLE ELEMENTS  
TC/A.U.: Unknown  
Examiner: Unknown

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. Copies of each of the listed references, excluding the U.S. references, are also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The Examiner's attention is called to the following copending applications.

1) "Ionic Liquids as Dissolution Inhibitors in Imageable Elements," Serial Number 10/423,343, filed April 25, 2003, allowed in Group Art Unit 1752, Examiner Unknown.

This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application or before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

  
Bruce M. Monroe, Reg. No. 33,602  
Attorney for Applicant

Enclosures: PTO Form 1449  
(20) References  
Transmittal Form

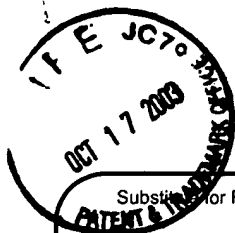
Dated: October 15, 2003

P.O. Box 1596  
Wilmington, DE 19899  
(302) 778-2500

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

October 15, 2003  
Dig Ashton



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/621,640

Filing Date July 17, 2003

First Named Inventor RAY

Art Unit Unknown

Examiner Name Unknown

Attorney Docket No. KPG-5082US

SHEET 1 of 3

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,827,602	10/27/1998	KOCH et al	
		US-6,048,388	4/11/2000	SCHWARZ	
		US-6,280,899	8/28/2001	PARSONS et al	
		US-6,294,311	9/25/2001	SHIMAZU et al	
		US-6,352,811	3/5/2002	PATEL et al	
		US-6,352,812	3/5/2002	SHIMAZU et al	
		US-6,358,669	3/19/2002	SAVARIAR-HAUCK et al	
		US-6,528,228	3/4/2003	HAUCK et al	
		US-6,593,055	7/15/2003	SHIMAZU et al	
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		EP 0864420 B1	5/30/2001			<input type="checkbox"/>
		EP 0908305 B1	11/28/2001			<input type="checkbox"/>
		EP 0908307 A2	4/14/1999			<input type="checkbox"/>
		EP 0908779 B1	6/19/2002			<input type="checkbox"/>
		EP 0908784 A1	4/14/1999			<input type="checkbox"/>
						<input type="checkbox"/>

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

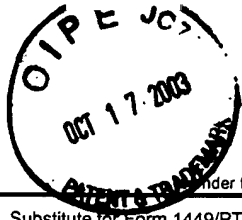
<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.**

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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SHEET 2 of 3

Complete if Known

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First Named Inventor	RAY
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket No.	KPG-5082US

### U.S. PATENT DOCUMENTS

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		US-			
		US-			
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### FOREIGN PATENT DOCUMENTS

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		EP 0960728 B1	5/21/2003			<input type="checkbox"/>
		EP 0950518 B1	1/23/2002			<input type="checkbox"/>
		EP 0940266 B1	6/26/2002			<input type="checkbox"/>
		EP 1023994 A1	8/2/2000			<input type="checkbox"/>
		EP 0922570 A2	6/16/1999			<input type="checkbox"/>
		EP 0909657 B1	6/18/2003			<input type="checkbox"/>
		EP 1052113 A1	11/15/2000			<input type="checkbox"/>
		JP 2000-355178 (Abstract)	12/26/2000			<input type="checkbox"/>
						<input type="checkbox"/>

Examiner  
Signature

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Considered

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First Named Inventor RAY

Art Unit Unknown

Examiner Name Unknown

Attorney Docket No. KPG-5082US

**SHEET 3 of 3****NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		HOLBREY et al, Green Industrial Applications of Ionic Liquids: Technology Review, Center for Green Manufacturing and Department of Chemistry, U of Alabama, 2003, pgs. 1-14	<input type="checkbox"/>
		MARTIN, J.D., Structure Property Relationships in Ionic Liquids, Department of Chemistry, North Carolina State University, 2001, pgs. 1-14	<input type="checkbox"/>
		VISSEY et al, Characterization of Hydrophilic and Hydrophobic Ionic Liquids: Alternatives to VOC's for Liquid-Liquid Separations, Department of Chemistry and Center for Green Manufacturing, U of Alabama, 2002, 20 pgs.	<input type="checkbox"/>
		JOHNSON et al, Significance of Cations in Ionic Liquids Chemistry, Department of Chemistry and Biochemistry, U of Regina, 2001, pgs. 1-13	<input type="checkbox"/>
		WILKES, J.S., Ionic Liquids in Perspective: The Past with an Eye Toward the Industrial Future, Department of Chemistry, U.S. Air Force Academy, 2003, pgs. 1-16	<input type="checkbox"/>
		EARLE, M.J., Ionic Liquids: Solvents for the 21 <sup>st</sup> Century, The Quill Centre, The Queen's University of Belfast, 2001, pgs. 1-17	<input type="checkbox"/>
		SCOTT et al, Application of Ionic Liquids as Plasticizers for Poly(Methyl Methacrylate), Chem. Commun., 2002, pgs. 1370-1371	<input type="checkbox"/>
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